

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Chandrakant B. Patel, et al.

Paper No. —

Serial No.: 08/266,753

Examiner: V. Kostek —

Filed: June 28, 1994

Art Unit: 2602

For: RADIO RECEIVER FOR RECEIVING BOTH
VSB AND QAM DIGITAL HDTV SIGNALS

AMENDMENT UNDER 37 CFR 1.312 &
REQUEST FOR INTERFERENCE WITH PATENT UNDER 37 CFR § 1.607

The Honorable Assistant Commissioner
of Patents & Trademarks
Washington DC 20231

Sir:

Please amend the above-identified patent application as follows:

Please add the following claims:

23. A method of controlling the operating mode of an equalizer comprising steps of:

identifying a direct current (DC) component of a received signal; and

controlling the operating mode of the equalizer in response to the identification of the direct current (DC) component of said received signal.

24. The method of claim 23 wherein the received signal at times comprises multi-level symbols representing data and a field synchronizing signal, said symbols being characterized by being accompanied by a substantially constant direct current (DC) offset component, and at other times comprises multi-level symbols representing data and being characterized by not being accompanied by said substantially constant direct current (DC) offset component, and wherein the step of controlling the operating mode of the equalizer in response to the identification of the direct current (DC) offset component of said received signal comprises substeps of: